

## SEGREGATE SICK HOGS

Cholera Is Not the Only Disease Troubling Swine.

Alling Animals Should Be Taken From Herd and Isolated Until Nature of Distress Can Be Fully Determined Upon.

(By D. H. PRESTON HOSKINS, Minnesota Experiment Station.)

The importance of a correct diagnosis, where hog cholera is suspected, cannot be over-estimated. Hog cholera serum, administered to a herd thought to be infected with cholera, but in reality suffering from some other disease, usually means time and effort wasted, and, if the treated hogs keep on dying, distrust of the serum treatment. Except in very unusual cases, either a positive or negative diagnosis of cholera can be made, if there is opportunity for a post-mortem examination. In doubtful cases a post-mortem is always proper.

Just as soon as it is noticed that a hog is sick, it should be separated from the herd and kept isolated until the exact nature of the trouble can be determined.

Diseases which are most frequently mistaken for hog cholera are intestinal worms, various digestive disturbances, lung worms, inflammation of



Highly Developed Tamworth.

the bowels and necrobacillosis. The last named disease is caused by the same germ that is responsible for sore-mouth and bull-nose of pigs. Most of the confusion of the two diseases arises from the fact that in some cases pigs affected with necrobacillosis will show the speckled appearance of the kidneys which has been looked upon as so characteristic of hog cholera.

Hog cholera serum is of no value in combating any disease except hog cholera.

## CARE OF HORSE IN SUMMER

Every Reason for Giving Faithful Animal Best Attention and Liberal Amount of Cooling Food.

During the warmest of the summer days there is plowing and much harvesting work for the horses to do. There is every reason for giving the horse the best of care and attention, and a liberal amount of cooling food.

It is difficult for you to hustle on hot days and it is just as wearing on the horse. Often you stop the team and rest in the shade for a few minutes several times during the day. Why not give the horse the benefit of the cooling shade breezes?

You drink often and the dumb brutes that are doing the hardest of the work will appreciate an opportunity to drink several times during the day. Better not let the horses gulp water in large quantities unless you want a foundered animal.

How refreshing and restful is a good plunge in the old creek which flows through the backwoods pasture, after a hard day's work. It makes you feel like a new man. And faithful Dobbin will appreciate it if you sponge off the harness marks, especially over the shoulders where the heavy collar has been rubbing all day. Put a little salt into the cold well water so as to make it still cooler.

## CARING FOR LATE POTATOES

Tubers Are Too Often Neglected After First Few Weeks of Growth—Use Light Cultivator.

On many farms the potatoes are well cared for during the first few weeks of their growth, but late in the season they are left to take care of themselves.

It is true that deep cultivation, after the plants are fairly well grown, will be harmful, but the occasional use of a light cultivator, with teeth not more than an inch and a quarter wide, may well be continued until the tubers are nearly ripe, or the vines have become so large as to prevent further work between the rows.

The destruction of injurious insects is another matter which usually receives fairly prompt and thorough attention during the first half of the growing season, but which, on many farms, does not receive sufficient attention later on. The fight against the enemies should be continued to the end of the growing season. This will allow the tubers to reach their full size and to become thoroughly ripe. It will also do much to prevent the appearance of large numbers of "bugs" next year.

## Drive Out Granary Pests.

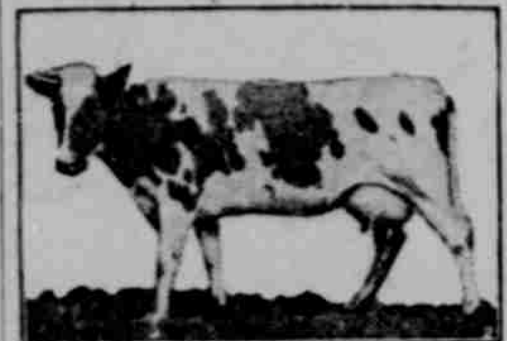
When the new grain goes into the granary, drive out the weevils and other pests. A few open dishes of bisulphide of carbon set around will do it. Then close the granary tightly and make yourself scarce while the stuff is evaporating, for the vapor goes downward and you may get a whiff of it, to your great harm. Keep lights and fire away.

## MAKE FOR BETTER DAIRYING

Test Product of Each Cow—Keep Posted and in Touch With Modern Ways of Managing Herd.

(By GEORGE C. HUMPHREYS, Wisconsin Experiment Station.)

1. Treat cows gently and avoid excitement.
2. Be regular in time of milking.
3. Keep stables clean, well lighted and ventilated.
4. Weigh the milk of each cow at milking time.
5. Get your neighbor to share with you in owning a Babcock milk tester, and test the product of each cow.



An Excellent Milker.

6. Discard the animals which have failed at the end of the year to pay for their keep.

7. Breed your cows to a pure-bred registered dairy bull from a family having large and profitable production of butterfat.

8. Raise well the heifer calves from cows which for one or more generations have made large and profitable productions of butterfat.

9. Breed heifers to drop their first calves at twenty-four to thirty months of age. Give cows six to eight weeks' rest between lactation periods.

10. Join a dairy cattle breeders' association. It will help you keep posted and in touch with the best and most modern ways of managing your dairy herd.

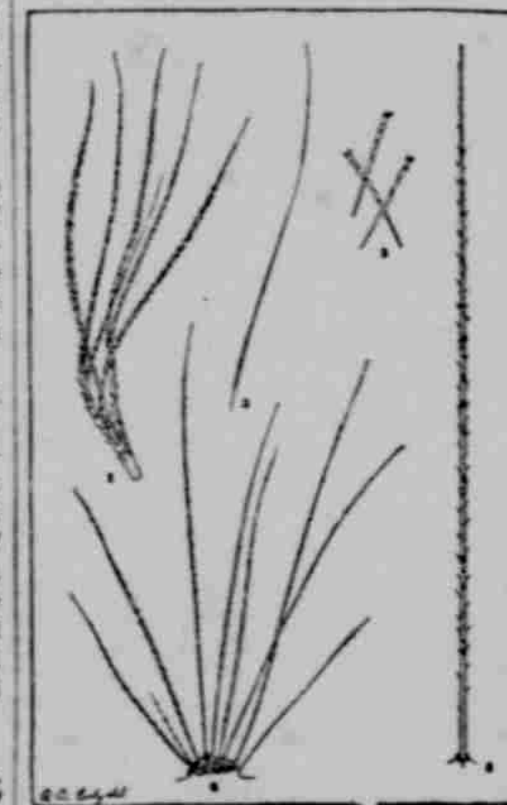
## DESTROY BROWN-TAIL MOTH

Contact With Hairs of Insect Causes Poisonous Rash on Human Beings—Big Menace to Trees.

One of the most serious effects of the presence of the brown-tail moth in a community is that of the peculiar skin disease it may produce. Some of the hairs of the full-grown caterpillar are furnished with minute barbs.

When the caterpillars molt these barbed hairs are shed with the skin and as the skins become dry and are blown about by the wind the hairs may be quite generally disseminated. When the hairs alight upon the human skin they cause an irritation, which upon rubbing may develop into inflammation.

Men who come in contact with these poisonous hairs during their work in the parasitic laboratory in Massachusetts, use the following remedy for the brown-tail rash: Carbolic acid one-half dram, zinc oxide one-half ounce, lime water eight ounces;



Various Forms of Hairs From Brown-Tail Moth Caterpillar.

shake thoroughly and work well into the affected parts. This has proven a most effective remedy.

According to Doctor Riley, the brown-tail moth was introduced into this country from Europe about the year 1890. The pest has spread rapidly over New England and New York and there is every prospect that it will continue to spread until it reaches the middle and western states. Wherever it goes it will prove a serious pest to man as well as to his trees and plants.

## PREVENT BAD TRICK OF COW

Arrange Girth Strap Through Rings So She Cannot Suck Herself—Use Good Strong Halter.

To prevent a cow from sucking herself, put on a good strong halter and a strong strap around her body. Fasten rings in the girth strap, one on each side about level with the side rings on the halter. From these rings to the side rings place two other straps just long enough that the cow can turn her head from side to side, but cannot get it back far enough to suck.

The girth strap should not be too tight. It is better to leave it quite loose and place some small weight on it underneath the cow so the strap will not slip out of place.

## Cultivate Garden Crops.

It pays to cultivate garden crops as long as one can get between the rows.

# Gales of GOTHAM and other CITIES

## Western Farmhand Visits Chicago Gypsy Queen

CHICAGO—Stuart Peterson, a Nebraska farmhand, stepped out of the Desplaines street police station, where he was a complaining witness against Dr. A. W. Faulbaum, and visited a gypsy fortune-telling parlor on Madison street. It is not often that Peterson gets to visit town, but when he does it's a lively day. When he went into the fortune-telling parlor, the adventure with the doctor which cost him \$38 for two bottles of medicine was still fresh in his mind. He did not intend to be "sliced" again. As he stepped inside of the curtained doorway, the gypsy queen was sitting before a table gazing at a crystal ball. She raised her head and Peterson noticed a far-away look in her eyes, as she nodded her bandanna-covered head in welcome to him.

"I want my fortune told," he said. She waved him to a chair. Then she looked at his palm and told him to cross it with a silver coin, preferably a half dollar. Always accommodating, Peterson did so.

Just then the queen looked suddenly at the ceiling. Peterson looked also. When he turned his eyes back to his palm the half dollar had disappeared.

"Dern it, the trick was did quicker'n eat," he explained later to the desk sergeant the Desplaines street station. "The queen said she didn't know where it went, and told me that I would have to cross it again with a piece of silver. I wasn't going to be did again, so the next time I just pulled out a dime. Dog my cats, if that dern dime didn't get away just like the half dollar!"

"The spirits are angry," she told me. "You'd better try it with some paper money. They're mad because you stood on the door sill when you came in."

"The smallest piece of paper money I had was a two-dollar bill, so I put it in my hand. Then she told me that a whole lot of beautiful women were after me and that I had a bright future. She said I had enemies, but that in the end I would leave them all behind. Then she began to go through some hocus-pocus movements, and when I looked at my hand the two-dollar bill was gone. She said the spirits got it!"

"Now ain't that funny?" she asked, and got me to cross my palm with some more money. I got to thinking about what the boys told me about town slickers and I didn't look right. I just decided that she had went too far, so I came over here to see if it was all right."

The desk sergeant advised him to swear out a warrant.

## New York's Police Learning How to Wigwag

NEW YORK.—No, the multicolored flags to be seen nowadays waving from the roof of the municipal building and the Woolworth tower are not storm signals. The police department of New York is being placed on a war footing, that is, to the extent that a signal corps has been created. The men waving the flags from the tops of skyscrapers are not weather forecasters, but policemen trying to learn the wigwag system in use in the United States army.

In the unlikely event of war, New York probably would be the first point attacked by the enemy. Also, in the event of serious riots, New York would be virtually in a state of war. In either exigency the New police, at the outset anyway, would have to bear the brunt of the trouble, and for this reason the powers that be have decided that the police should know how to wigwag.

Not satisfied with entire dependence upon the telephone in case of riots or war, Police Commissioner Woods inaugurated a wigwag system of communication between police headquarters and every precinct in the five boroughs. Information to that effect came when two policemen were seen on the roof of the municipal building waving signal flags with more enthusiasm than accuracy.

In transmitting messages, flags and heliographs are used by the policemen during the day and powerful signaling lamps by night, the army code being followed. The harbor police are using the Morse code of the navy, Quartermaster Brauer of the navy yard being in charge of the instruction.

## Counterfeit Mexican Money Printed in 'Frisco

SAN FRANCISCO.—Vast quantities of counterfeit Mexican money, representing millions of currency in that strife-ridden republic, have within the year been printed and much of it circulated in San Francisco. It is used for bunko purposes here and for general commercial circulation along the border line among those who cannot distinguish the counterfeit.

The Washington authorities profess their inability to stop the printing of this paper or punish either the lithographers or the circulators of the counterfeit, because it does not represent a medium of exchange of a government that is recognized by the United States. Millions of dollars in authorized Mexican currency have been printed in San Francisco. The lithographing was authorized through consuls, who acted for the belligerent power that needed it. Then other printing establishments consented to run off facsimiles of the authorized paper. The federal authorities here and at Washington were made acquainted with what was being done, but professed inability to interfere.

Much of this counterfeit has been sold at a fraction of its supposed face value in San Francisco for good American dollars on the pretext that the purchaser could negotiate it at its face value on the border or just across the line. When the facts reached the ears of Villa he issued a proclamation that any of his followers or others caught with this bogus money on their persons, or detected in an effort to use it, would be executed. It is said that several such executions have taken place recently.

## Man Is Found Living in a Philadelphia Sewer

PHILADELPHIA.—Michael Machill was found sleeping in the dead end of an unused sewer at Torresdale avenue and Cottman street, where he had been living for a week. He entered through a manhole and had arranged a rough board table and bunk. That portion of the eight-foot sewer was recently completed and through the manhole Machill obtained light and air. According to Policeman Mager, who discovered him, Machill was living in comfort.

The Tacony police were given a surprise when the phone rang.

"Say, listen," came an excited voice, "there is a man living in a sewer up at Torresdale avenue and Cottman street. Come up and get him. Everybody is scared to death."

Turning to Patrolman Mager, the sergeant said: "One of those practical jokers, but you'd better take a run up there." Mager did. He found the cover on a manhole ajar. Remembering how old General Putnam of revolutionary fame fought a real wolf in a cave, Mager decided to explore the sewer. He dropped into the manhole and in the dead end of the new brick sewer he saw a table. On it was a loaf of bread and bottle of milk. Then he saw a bunk and on it lay Machill.

Machill talked incoherently and was sent to the Philadelphia hospital for observation.



THIS IS A QUEER PLACE TER LIVE

## SAYS ACTION IS NOT INSTANT

Gravitation, as Electrical Phenomenon, Explained by Scientist of Worldwide Fame.

Gravitation is an electrical phenomenon and does not act instantly across space, but is transmitted with the velocity of light, thus coming from the sun to the earth in eight minutes.

So says Prof. Thomas Jefferson Jackson See, famous astronomer, in his 600-word memoir entitled: "Electro-dynamic Theory of Magnetism and of Universal Gravitation: Discovery of the Cause of Gravitation, With Proof That This Fundamental Force of Nature Is Propagated With the Velocity of Light." He claims to have discovered the secret of gravitation and has put the information in the hands of the Royal society of London. Professor See is an astronomer of note. He is a graduate of the University of Missouri and has received the degree of Ph. D. from the University of Berlin, for which institution he was later an observer. He is now a naval observer for the United States government and is stationed at the Mare Island navy yard.

Professor See holds that gravitation is due to elementary currents of electricity circulating around atoms of matter. Ampere, the celebrated French scientist, discovered in 1820 that two parallel currents of electricity floating in opposite directions repel. Following the lines first taken by Ampere, Professor See has worked out his theory of gravitation.

## TIN HAT IS INNOVATION

Designer Puts Forth Many Reasons Why It Should Be Accepted as an Article of Attire.

The latest innovation in men's apparel has been sprung by W. H. Whiting of Jonesboro, Me. It is a tin hat, with a band made of copper. He fashioned the natty headpiece himself. It is not only very light in weight, but he claims that it is cheaper than a straw "bonnet," lasts longer and is absolutely rainproof.

Whiting's tin hat has a luster all its own, something that takes the shine off all other hats. It is more showy than Mambrino's helmet, made famous by Don Quixote. Whiting's hat is made of tin, common sheet tin, the same kind of tin that baked beans and sardines and tomatoes are put in.

It is built on a 1915 model and no fashionable youth of the town can "put anything over" on him in the matter of style. It is neat, but not gaudy, a tin body with a copper band, not quite as brilliant as a ribbon with college colors, but more substantial and quite as attractive. At least, it attracts plenty of attention when Whiting wears it on the streets.

## Career of Duke of the Abruzzi.

The Duke of the Abruzzi, commander-in-chief of Italy's navy, comes of a famous fighting house—the House of Savoy. He is forty-two years old, and is mainly known to the world as an intrepid explorer, particularly as a mountaineer. In 1897 he ascended the frozen heights of Mount Ellas in Alaska, a feat, it is said, never theretofore performed. Two years later came his polar expedition, in which he made a point farther north than Nansen had reached. This was followed by mountaineering feats in Africa and among the Himalayas. In early boyhood the duke showed a fondness for the sea, and entered the Italian navy at the minimum age. He was educated at the naval school at Leghorn, and has had a most successful career as an officer of the fleet, having risen in the service by his own merits and industry.

## Battle Famous in History.

The capture of Warsaw antedated by a day another historic anniversary in German history, the battle of Woerth, August 6, 1870. Here the French under Marshal McMahon, fresh from their defeat by the Prussians at Welsenburg, ten miles away, were again overwhelmed by the victorious Germans. The fiercest fighting occurred in the village of Frenchweller, which had to be stormed, the struggle in the streets being of the most desperate character as may be judged by the fact that the Prussian loss was 10,000 and the French 8,000 with 9,000 prisoners.

## Replacing Fallen Soldiers.

Even if the number of permanently invalided equaled a million more, this drain would have little effect. Half of the world's population is less than twenty-one years of age. Out of three or four hundred million of people now at war, the number of young men who will have within the year become of military age will far exceed the number killed and disabled. And it is absurd to say that this means no reparation of fighting strength because wars have always been fought in large part by boys.—Carl Snyder in Collier's Weekly.

## One Cost of Tuberculosis.

In a pamphlet on "What Tuberculosis Costs in Wages," the National Association for the Study and Prevention of Tuberculosis says that an investigation of 500 cases in Boston shows that these men lost more than \$425,000 in wages as a result of this disease.

## Definition.

"Father," said the small boy, "what is a jingo?" "A jingo, my son, is a man who is perfectly willing to start a fight, if someone else will attend to the subsequent details."

## Whenever You Need a General Tonic Take Grove's

The Old Standard Grove's Tasteless chill Tonic is equally valuable as a General Tonic because it contains the well known tonic properties of QUININE and IRON. It acts on the Liver, Drives out Malaria, Enriches the Blood and Builds up the Whole System. 50 cents.—Adv.

## Cold Proposition.

Hubb—Meet any icebergs, coming over on the steamer?  
Gotham—Well, yes; I was introduced to a girl from Boston.

## Kind He Liked Best.

She—You like melon, do you not, Mr. Bond?  
He—Yes; especially the kind frequently cut by large corporations.

Drink Denison's Coffee, For your health's sake.

## The Reason.

"What was the matter with that singer? His voice was not at all full."  
"Maybe not, but he was."

## The Signs.

"The fellow yonder is a gunman."  
"How can you tell?"  
"By his bullet head."

## The Least of Two.

"Your money or your life?"  
"Take me life; I'm savin' me money for me old age."

Always use Red Cross Ball Blue. Delights the laundress. At all good grocers. Adv.

## A Real Sport.

"Them city fellers is pretty slick, but they can't fool me," said Hiram Waybacker.

"They couldn't interest you in any of their skin games, eh?"

"I should say not! Two o' them offered ter show me th' only German submarine in captivity. Haw! Haw!"

"And what did you say to that?"

"I told 'em ter git out th' shells an' the pea, an' I'd make one guess jest ter keep 'em from bein' lonesome."

## Working Up an Appetite.

"I don't know why we came in here," said Mrs. Bored, as she settled herself down in a restaurant. "I'm not a bit hungry."

"That's all right," said hubby. "Just you sit here and wait."

"Wait! But why? I'm not hungry, as I said before."

"Never mind, dear. You will be by the time the waiter brings us our food."—Philadelphia Record.

## NEGLECT YOUR SCALP

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Cuticura Soap shampoos cleanse and purify the scalp of dandruff while the Ointment soothes and heals the irritated scalp skin. Dandruff and itching are hair destroyers. Get acquainted with these supercreamy emollients for the skin and scalp.

Sample each free by mail with Book. Address postcard, Cuticura, Dept. XY, Boston. Send everywhere.—Adv.

## Use Aeroplanes to Hunt Seals.

Difficulty experienced this past season in locating seal herds in northern waters has caused the owners of sealing ships to give serious consideration to employing aeroplanes in next year's hunt. These craft of the air, they believe, can scout more cheaply and with less waste of time than the sealing ships themselves. Small aeroplanes, designed especially for the purpose, are looked upon as entirely feasible. Through their use seal herds will be located and reported to the vessel, which can then make for the spot indicated.

When you have no reason to smile, keep in practice, anyway.



No such thing as "rubber roofing"

A lot of manufacturers call their roofing "Rubber Roofing."

"Rubberine," "Rubberoid"—Rubber this and Rubber that. The life is all out of rubber if exposed to the daylight for six months.

There is no such thing as "Rubber Roofing" of any kind. There is no rubber in

## Certain-teed Roofing

It is made of the very best Roofing Felt thoroughly saturated in our proprietary blend of asphalt and coated by a harder grade of asphalt which keeps the soft saturation within—the life of the roofing—from drying out quickly.

It is guaranteed 5, 10 or 15 years, according to whether the thickness is 1, 2 or 3 ply respectively.

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